Conservation Technology

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A wildlife and threat monitoring network for hard-to-reach areas
Satellite-enabled sensor network for demanding environments

Covert, man-packable and lower maintenance
Anti-poaching Multi sensor alarm system
Wildlife Monitoring
Affordable satellite connectivity means real time coverage anywhere

Sensor triggered
LoRa radio

Communications
Backhaul

Alert received
Tanzania, Kenya, Australia, Canada, Chagos Archipelago and Antarctica

Protecting black rhinos, African elephants, Bengal tigers, night parrots and reef sharks

Zero poaching incidents when deployed

Deployed for over 18 months
Prototype to mature product

Instant Detect 2.0
Instant Detect 2.0 focus areas

- Lower equipment cost
- High accuracy sensors
- Greater range
- Modular plug and play sensors
- Intuitive interface and diagnostics
- Compatibility with in-field tools
Standalone, device or complimentary system that can integrate with trusted analysis platforms e.g.

e-EYE, SMART, DAS, or Ocean Mind

Data API
Complements other tools in the conservation tool box

- Go where other tools cannot see
- Tactical deployment
- Unconnected areas
- Moveable
- Entry level cost
Machine Learning to detect humans and species
Technology is only one part of a law enforcement solution
Instant Detect

A wildlife and threat monitoring network for demanding environments

Helping protect species and habitats anywhere
THANK YOU
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www.zsl.org/conservation/conservation-initiatives/conservation-technology
Detecting Illegal Fishing Vessels